

REMARKS

Claims 4, 5, 7-9 and 12 have been canceled, claims 1, 6 and 13-16 have been amended and new claims 17, 18 and 19 added. Reexamination and reconsideration of the amended application respectfully is requested.

The Examiner has rejected claims 1 and 6 under 35 USC 112, second paragraph, as being indefinite. Claims 1 and 6 have been amended to address to Examiner's concerns upon which the rejection is based. The rejection therefore is deemed no longer to be applicable and accordingly should be withdrawn.

The Examiner also rejected claims 1, 3, 5-8 and 11 under 35 USC 102(b) as being anticipated by *Meir* (USP 6,275,946). The Examiner additionally rejected claims 4 and 9 under 35 USC 103(a) as being unpatentable over *Meir* in view of *Dunstan* (USP 5,565,759). Claim 1 has been amended for improved clarity and to include the limitations of now canceled claims 4 and 5, and claim 6 has been amended for improved clarity and to include the limitations of now canceled claims 8 and 9, and it is submitted that the rejection is inapplicable to the amended claims.

Meir discloses an internal UPS card for a computer. It comprises a data storage element and an associated monitor. The computer operating on power supplied by an internal switch mode power supply system receiving line power, characterized in that the UPS comprises an internal device for installation inside the computer and the internal device supplies back up power and protection to the computer and to the monitor from power abnormalities and noises. *Dunstan* in disclosing a smart battery providing battery life and recharge time prediction, mentions that the smart battery

warns the user, a power management system or a smart battery charger about potentially dangerous situations. However, *Meir and Dunstan do not disclose the host power connecting module of the present invention defined in and integrated with the other elements recited in each of amended claims 1 and 6, or the signal transmission module of the invention defined in each of new claims 17 and 18.*

Referring to the reference numerals in the drawings of the present application for convenience of explanation only, according to the present invention, the control module 12 detects the power state of both the power supply module 22 to the host 24 and the power module 4 of the interface card 2, and sends a warning message to the host 24 via the signal transmission module 18 when either one of the power module 4 and the power supply module 22 is low in capacity. Thus, when the power supply module 22 is low in capacity, the power module 4 provides electrical power to the host 24 via the host power connecting module 20. Also, when the power module 4 is low in capacity, the power module 4 is recharged via the power charging module 8 by the power supply module 22. These features are now recited in amended claims 1 and 6 (except for explicit recitation of the signal transmission module), and new claims 17 and 18, which recite the signal transmission module through which messages such as the above-mentioned warning message to the host. Therefore, the claimed invention is deemed clearly to be both novel and inventive. The rejection therefore is inapplicable to the amended claims and accordingly should be withdrawn.

Rejections Under 35 U.S.C. 103(a)

The Examiner also rejected claims 12-16 under 35 USC 103(a) as being unpatentable over *Meir* in view of *Wang*, and also *Dunstan* in the case of claims 15 and 16. Claim 12 has been canceled and replaced by new claim 19. Claim 19 includes steps performed by the structure defined in claims 1 and 17 as well as those specified in now canceled claim 12, these being illustrated in Fig. 2. *Wang* does not teach the elements of the invention of claim 19 not referenced in claim 12. Therefore, claim 19 is deemed clearly to be patentable for reasons similar to those advanced above as to the patentability of claim 12. Claims 13-16, now depending from claim 19 also are patentable at least based on their dependency from claim 19.

CONCLUSION

Based on the above, it is submitted that the application is in condition for allowance and such a Notice, with allowed claims 1-3, 6, 10-11 and 13-19 earnestly is solicited.

Should any fee be required, please charge the same to our Deposit Account No. 18-0002 and advise us accordingly.

Respectfully submitted,



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Date

SMR:lw

AMENDMENT